

49370 to 49383—Continued.

sending up leaves to a height of 4 to 6 feet and flower stalks sometimes 6 or 7 feet above the ground. It is a perennial, and I am told by R. W. Hempstead that it will stand four cuttings a year. It seems particularly adapted to moist regions and for this reason is recommended for trial in the Everglades of Florida."

49373. CHAMAEDOREA sp. Phœnicaceæ.

Pacayito.

"(No. 271. Tucuuru, Alta Vera Paz. January 18, 1920.) *Pacayito*, called *kok kib* in Kekchi, a handsome dwarf palm found under dense forest in several parts of Vera Paz. It appears to occur only in regions where there are limestone outcroppings. These plants were collected on the Finca Los Alpes."

49374. CROTALARIA SAGITTALIS L. Fabaceæ.

"(No. 252a. Tucuuru, Alta Vera Paz. January 12, 1920.) Seeds of a species growing to about 18 inches in height collected at Finca Samac, near Coban. It should be tested in the South as a cover crop. In Kekchi it is called *tzok tzok xul*."

49375. JUGLANS sp. Juglandaceæ.

Walnut.

"(No. 265a. Tucuuru, Alta Vera Paz. January 12, 1920.) Nuts of the *nogal* or native black walnut tree. It is occasionally seen in cultivation but more commonly wild. It makes a shapely tree up to 50 feet in height and yields nuts much like those of *Juglans nigra* but with a thicker shell. Its wood is considered valuable."

49376. PANICUM HIRSUTUM Swartz. Poaceæ.

Grass.

"(No. 257a. Tucuuru, Alta Vera Paz. January 12, 1920.) A forage grass, 3 feet high, said to be of good quality. Collected from the roadside near Chama, Alta Vera Paz."

49377. PASPALUM PANICULATUM L. Poaceæ.

Grass.

"(No. 252a. Tucuuru, Alta Vera Paz. January 12, 1920.) A pasture grass from the Finca Samac, near Coban. The plant grows to about 2 feet in height and apparently spreads by seeds only. As forage it is considered very good."

49378. PASPALUM CANDIDUM (Humb. and Bonpl.) Kunth. Poaceæ.

Grass.

"(No. 263a. Tucuuru, Alta Vera Paz. January 12, 1920.) *Kah tut*. A pasture grass from the Finca Samac, near Coban. It grows about 18 inches in height and is very abundant in the edges of the coffee plantation, where it often forms solid stands. It is cut for feeding to stock and is considered very good for this purpose."

49379. PASPALUM PANICULATUM L. Poaceæ.

Grass.

"(No. 256a. Tucuuru, Alta Vera Paz. January 12, 1920.) A grass, growing to about 3 feet in height, found near Chama, on the Rio Chixoy. Said to be a good forage grass."

49380. PASPALUM PLICATULUM Michx. Poaceæ.

Black grass.

"(No. 261a. Tucuuru, Alta Vera Paz. January 12, 1920.) A common pasture grass from the Finca Samac, near Coban. This species grows to about 15 inches in height, and its leaves, though rather small, are abundant."

For previous introduction, see S. P. I. No. 47049.